



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hubert Köster, Ph.D. et al.      Art Unit : 1639  
Serial No. : 10/760,085      Examiner : Jon D. Epperson  
Filed : January 16, 2004      Cust. No. : 20985  
Conf. No. : 8019  
Title : CAPTURE COMPOUNDS, COLLECTIONS THEREOF AND METHODS  
FOR ANALYZING THE PROTEOME AND COMPLEX COMPOSITIONS

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ELECTION AND PRELIMINARY AMENDMENT**

Dear Sir:

Responsive to the Requirement for Restriction, mailed December 21, 2005, Applicant elects, with traverse, Group 1, claims 1, 2, 5, 6, 10, 15, 17, 18, 22, 25, 34, 38, 43, 44, 46, 47, 55, 56, 63, 66-68, 75, 77-79, 95-97, 99, 101, 102, 106, 107, 110, 116, 127, 128, 130-134, 137, 139, 140, 143-147, 150-153, 155-161, 163, 164, and 166-173, drawn to a method comprising contacting a capture compound with a sample. Applicant further elects, with traverse, for search purposes, the species as follows: the compound (HKC-1191) shown in Figure 1 (subgroup 1); where a biomolecule (subgroup 2) captured can be a carbonic anhydrase (see Figure 2); identified by MALDI-TOF mass spectrometry (subgroup 3); digesting not recited in the elected claims (subgroup 4); human red blood cells as a sample (subgroup 5); MALDI-TOF mass spectrometry for analysis (subgroup 6); crosslinking with UV after equilibrium (subgroup 7); no redesign method (subgroup 8). Claims 1, 2, 5, 6, 10, 15, 17, 18, 22, 25, 34, 38, 43, 44, 46, 47, 55, 56, 63, 66-68, 75, 77-79, 110, 116, 137, 139, 140, 143-147, 150-153, 155-161, 163, 164, and 166-173 read on the elected species.

**Amendments to the claims** are reflected in the listing of the claims which begin on page 2 of this paper.

**Remarks/Arguments** begin on page 14 of this paper.

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Stephanie Seidman